

FEDERAL ITEM IDENTIFICATION GUIDE

BLOCK AND TACKLE

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
BLOCK AND TACKLE	11446	B
A mechanical device consisting of one or more tackle blocks with lines, arranged for hoisting or pulling.		
BLOCK, TACKLE	06117	A
A mechanical device, consisting of pulley(s) or sheave(s) encased in a shell or frame which may be provided with a means such as a hook, eye, strap, screw, etc., by which it may be attached to an object. It is used to change direction of a running rope and/or to gain a mechanical advantage.		
HOOK BLOCK ASSEMBLY	39857	C
An item consisting of one or several pulleys or sheaves mounted in a common housing. A suspension device for load movement forms an integral part of this item. Excludes BLOCK, TACKLE.		

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APPLICABILITY KEY INDEX

	<u>A</u>	<u>B</u>	<u>C</u>
NAME	X	X	X
AMCK		X	
STYL	X	X	X
AMRQ	AR	AR	AR
AMRR	AR	AR	AR
AMRS	AR	AR	AR
AMRT	AR	AR	AR
AMRW	AR	AR	AR
AMCL	X	X	X
AMCN	AR	AR	AR
ANNQ	X	X	X
ANNR	AR	AR	AR
AMCQ	X	X	X
ACSK	AR	AR	AR
AMWZ	AR	AR	AR
AMCT	X	X	X
AMXC	X	X	X
AMXD	X	X	X
AMDB	AR	AR	
AMRY	AR	AR	
AMDC	X	X	X
AMXF	X	X	X
AMDD	AR		
WGHT	AR		
AGCS	X	X	X
AMRL		X	
AKRZ		AR	
ACSY		AR	
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFHV	AR	AR	AR
AFJK	AR	AR	AR
SUPP	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
AGAV	AR	AR	AR
CXCY	AR	AR	AR

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APPLICABILITY KEY INDEX

SECTION I

APP Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
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Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06117*)

B

AMCK	A	TACKLE BLOCK QUANTITY
------	---	-----------------------

Definition: THE NUMBER OF TACKLE BLOCKS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AMCKA2*)

ALL

STYL	L	STYLE DESIGNATOR
------	---	------------------

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group A. (e.g., STYLL6*)

For items including two tackle blocks, use AND (\$\$) Coding, entering the style for the upper (shackle) block first, followed by the style for the lower (hoisting) block. (e.g., STYLL6\$\$L10).*

ALL

AMCL	D	BLOCK TYPE
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Definition: INDICATES THE TYPE OF BLOCK.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMCLDD*)

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SECTION I

APP Key	MRC	Mode Code	Requirements
Refer to Appendix B, Reference Drawing Group D for basic block type illustrations and block parts nomenclature.			
		<u>REPLY CODE</u>	<u>REPLY (AE90)</u>
		B	REGULAR
		D	SNATCH

NOTE FOR MRC AMCN: IF REPLY CODE D IS ENTERED IN REPLY TO MRC AMCL, REPLY TO MRC AMCN.

ALL* (See Note Above)

AMCN L LOCKING STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from [Appendix B](#), Reference Drawing Group B. (e.g., AMCNL3*)

ALL

ANNQ H MATERIAL AND LOCATION

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1, followed by the applicable Reply Code from the table below. (e.g., ANNQHST2525AAB*)

For items with multiple materials and/or multiple locations, use AND Coding and AND/OR coding (\$\$/), as applicable, entering the replies in reply table sequence. (e.g., ANNQHBR0000ALZ\$HPC0000ALZ; ANNQHBR0000ALZ\$\$HPC0000ALZ*; ANNQHCU0000ALZ\$HPC0000ALZ*; ANNQHCU0000DLD\$HPC0000DLD*; ANNQHCU0000ALZ\$\$HPC0000ALZ*; ANNQHAL0000DLD\$\$HPC0000DLD*).*

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
ALZ	BEARING
AMA	CENTER PIN
AAB	OVERALL
	Sheath (use Reply Code DLD)
DLD	SHEAVE

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APP Key	MRC	Mode Code	Requirements
		AMB	SHELL
		DJL	SWIVEL EYE
		DBG	YOKE

ALL*

ANNR H SURFACE TREATMENT AND LOCATION

Definition: THE PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE ITEM, AND ITS LOCATION.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2, followed by the applicable Reply Code from the table below. (e.g., ANNRHCD0000AAB*)

For items with multiple surface treatments AND/OR multiple locations, use AND Coding and AND/OR coding (\$\$/), as applicable, entering the Replies in reply table sequence. (e.g., ANNRHPN0000DLD\$HVAB000AMB; ANNRHPN0000DLD\$\$HVAB000AMB*; ANNRHLQ0000DLD\$HPN0000DLD*; ANNRHLQ0000AMB\$HPN0000AMB*; ANNRHLQ0000DLD\$\$HPN0000DLD*; ANNRHCD0000AMB\$HPN0000AMB*).*

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
AAB	OVERALL
	Sheath (use Reply Code DLD)
DLD	SHEAVE
AMB	SHELL

ALL

AMCQ A SHEAVE QUANTITY

Definition: THE NUMBER OF SHEAVES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AMCQA3*)

For items including two tackle blocks, use AND coding (\$\$) entering the quantity for the upper (shackle) block first, followed by the quantity for the lower (hoisting) block. (e.g., AMCQA2\$\$A3*)

ALL*

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APP Key	MRC	Mode Code	Requirements
	ACSK	D	BEARING TYPE

Definition: INDICATES THE TYPE OF BEARING(S) FURNISHED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACSKDF*)

For items with two tackle blocks and when bearings differ, use AND coding (\$\$) entering the Reply Code from the upper (shackle) block first, followed by the Reply Code from the lower (hoisting) block. (e.g., ACSKDF\$\$DD*)

REPLY CODE

F
M
D

REPLY (AB81)

BALL
PLAIN (sleeve)
ROLLER

ALL*

AMWZ	D	SHEAVE BEARING LUBRICATION METHOD
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Definition: THE MEANS BY WHICH THE SHEAVE BEARING IS LUBRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWZDE*)

For items with two tackle blocks and when method of lubrication differs, use AND coding (\$\$) entering the Reply Code for the upper (shackle) block first, followed by the Reply Code for the lower (hoisting) block. (e.g., AMWZDE\$\$DF*)

REPLY CODE

K
L
F
E

REPLY (AC75)

OILWAYS
PREPACKED WITH GREASE
PRESSURE GREASE FITTING
SELF-LUBRICATED

ALL

AMCT	D	TACKLE ACCOMMODATED TYPE
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Definition: INDICATES THE TYPE OF TACKLE THE ITEM WILL ACCOMMODATE.

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SECTION I

APP Key	MRC	Mode Code	Requirements
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Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMCTDAH*)

REPLY CODE

AD
AK
AH

REPLY (AF37)

CHAIN
FIBROUS ROPE
WIRE ROPE

ALL

AMXC J MAXIMUM TACKLE DIAMETER ACCOMMODATED

Definition: THE MAXIMUM LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATION FOR A TACKLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AMXCJA0.500*; AMXCJL12.7*)

REPLY CODE

A
L

REPLY (AA05)

INCHES
MILLIMETERS

ALL

AMXD D TACKLE LOCKING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A TACKLE LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMXDDB*)

REPLY CODE

B
C

REPLY (AA49)

INCLUDED
NOT INCLUDED

A*, B*

AMDB D BECKET TYPE

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SECTION I

APP Key	MRC	Mode Code	Requirements
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Definition: INDICATES THE TYPE OF BECKET.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMDBDH*; AMDBDJ\$\$DM*)

<u>REPLY CODE</u>	<u>REPLY (AF38)</u>
L	CLOSED SOCKET
P	FIXED EYE
K	OPEN SOCKET
Z	OVAL EYE
H	PLAIN
Q	ROUND EYE
C	SHACKLE
J	SWIVEL EYE
M	THIMBLE

NOTE FOR MRC AMRY: IF A REPLY CODE IS ENTERED FOR MRC AMDB, REPLY TO MRC AMRY.

A*, B* (See Note Above)

AMRY	A	BECKET QUANTITY
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Definition: THE NUMBER OF BECKETS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., AMRYA1*)

ALL

AMDC	D	ANTITOPPLING DEVICE
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Definition: AN INDICATION OF WHETHER OR NOT AN ANTITOPPLING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMDCDB*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL

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SECTION I

APP Key	MRC	Mode Code	Requirements
	AMXF	L	ATTACHMENT STYLE
Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ATTACHMENT.			
Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group C. (e.g., AMXFL2*)			
For items with two tackle blocks, use AND coding (\$\$), entering in the same sequence as MRC STYL, and indicate the upper block first. (e.g., AMXFL1\$\$L2*)			

A*

AMDD D COUNTERBALANCE LOCATION

Definition: INDICATES THE LOCATION OF THE WEIGHT(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMDDDAMC*)

Weights are component parts which add sufficient weight to overcome internal stress of the tackle to allow the block to lower by its own weight.

<u>REPLY CODE</u>	<u>REPLY (AJ91)</u>
AMD	SECURED TO CHEEKPLATES
AMC	SUSPENDED FROM BLOCK

NOTE FOR MRC WGHT: IF REPLY CODE AMC OR AMD IS ENTERED IN REPLY TO MRC AMDD, REPLY TO MRC WGHT.

A* (See Note Above)

WGHT J WEIGHT

Definition: A RELATIVE MEASURE OF THE MASS OF AN ITEM WITH RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., WGHTJP100.0*; WGHTJK45.4*)

Weight is the combined mass of the weights attached to the block.

<u>REPLY CODE</u>	<u>REPLY (AB10)</u>
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SECTION I

APP Key	MRC	Mode Code	Requirements
		K	KILOGRAMS
		P	POUNDS

ALL

AGCS J MAXIMUM LOAD RATING

Definition: THE MAXIMUM LOAD FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AGCSJP5000.0*; AGCSJK2268.0*)

If the source document does not cite a working load rating, change the Mode Code to K and enter Reply Code N. (e.g., AGCSKN*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
Z	DECANEWTONS
K	KILOGRAMS
P	POUNDS

B

AMRL J NOMINAL TACKLE LENGTH

Definition: A MEASUREMENT OF THE LONGEST NOMINAL DIMENSION OF THE TACKLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AMRLJF25.0*; AMRLJM7.6*)

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
F	FEET
M	METERS

B*

AKRZ D TERMINATION TYPE

Definition: INDICATES THE TYPE OF FACILITY PROVIDED ON THE DEVICE FOR ATTACHING TO ANOTHER ITEM.

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SECTION I

APP Key	MRC	Mode Code	Requirements
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Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKRZDAN*; AKRZDAN\$\$DAS*; AKRZDAN\$DAS*)

<u>REPLY CODE</u>	<u>REPLY (AE79)</u>
AS	CLAMP
AT	CLIP
AR	HOIST HOOK
AN	HOOK
AP	RING
AQ	SNAP HOOK

B*

ACSY J FURNISHED ITEMS AND QUANTITY

Definition: THE NAME AND NUMBER OF THOSE PARTS FURNISHED WITH THE ITEM OF SUPPLY THAT HAVE NOT BEEN SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACSYJHD2*; ACSYJHD1\$\$JHE2*)

<u>REPLY CODE</u>	<u>REPLY (AB87)</u>
HD	CENTER PIN
HE	SHEAVE

ALL*

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

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SECTION I

APP Key	MRC	Mode Code	Requirements
			<p>Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.</p> <p>Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.</p> <p>(e.g., TESTJA12345-CWX654321*; TESTJA1234A-654321\$\$JB5556A-663654*; TESTJAA2345-654321\$JB55566-663654*)</p>

<u>REPLY CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

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SECTION I

APP Key	MRC	Mode Code	Requirements
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Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103*)

<u>REPLY CODE</u>	<u>REPLY (AN62)</u>
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

FIIG A129
SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	--------------	--------------

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT	J	NONDEFINITIVE SPEC/STD DATA
------	---	-----------------------------

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1\$JSTA*; ZZZTJTY1\$JSTA*)

ALL*

ZZZW	G	DEPARTURE FROM CITED DOCUMENT
------	---	-------------------------------

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
------	---	---------------------------------

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

FIIG A129
SECTION I

APP Key	MRC	Mode Code	Requirements
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

CRTL	A	CRITICALITY CODE JUSTIFICATION
------	---	--------------------------------

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL\$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

PRPY	A	PROPRIETARY CHARACTERISTICS
------	---	-----------------------------

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

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SECTION I

APP Key	MRC	Mode Code	Requirements
<p>Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL\$ASURF*)</p>			

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY
CODE
A

REPLY (AN58)

ADDITIONAL DESCRIPTIVE DATA ON MANUAL
RECORD

SECTION III

FIIG A129
SECTION I

APP Key	MRC	Mode Code	Requirements
------------	-----	-----------	--------------

ALL

AFHV	J	UNPACKAGED UNIT WEIGHT
------	---	------------------------

Definition: THE MEASURED WEIGHT OF AN ITEM UNEMCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFHVJP2.500*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
K	KILOGRAMS
P	POUNDS

ALL

AFJK	J	CUBIC MEASURE
------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF10.25*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
F	CUBIC FEET
E	CUBIC METERS

ALL

SUPP	G	SUPPLEMENTARY FEATURES
------	---	------------------------

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FIIG A129
SECTION I

APP Key	MRC	Mode Code	Requirements
	FTLD	G	FUNCTIONAL DESCRIPTION
	Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.		
	Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)		
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
	Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.		
	Reply Instructions: Enter the appropriate designation data.		
	(e.g., TMDNAMS SV-615/M*)		
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
	Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.		
	Reply Instructions: Enter concise statement for similar item including name and identifying data.		
	(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61512-58*)		
ALL			
	AGAV	G	END ITEM IDENTIFICATION
	Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.		
	Reply Instructions: Enter the applicable reply in clear text.		
	(e.g., AGAVG3930-00-000-0000*;		
	AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)		
ALL*			

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SECTION I

APP Key	MRC	Mode Code	Requirements
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT
AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN
OF THE ITEM

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR
CONTROL BOARD*)

Reply Tables

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Table 3 - NONDEFINITIVE SPEC/STD DATA.....	30

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APPENDIX A

Table 1 - MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
ALA000	ALUMINUM BRONZE
BR0000	BRASS
BN0000	BRONZE
BNH000	BRONZE GRAPHITE
BM0021	BRONZE MANGANESE, MIL-B-16540, GRADE A
BN0148	BRONZE, MIL-B-5687, TYPE 1, COMP A
BN0109	BRONZE, MIL-B-13501, COMP B
BNE000	BRONZE, SINTERED
CU0000	COPPER
CK0014	COPPER ALLOY, QQ-C-525, COMP 12
KB0021	COPPER BASE ALLOY, MIL-B-5687
FT0000	FELT
FE0000	IRON
FE0057	IRON, ASTM A47
FEA000	IRON, CAST
FE0040	IRON, MALLEABLE, QQ-I-666, GRADE 1(35018)
FE0041	IRON, MALLEABLE, QQ-I-666, GRADE 1G (35018G)
FE0042	IRON, MALLEABLE, QQ-I-666, GRADE 2 (32510)
FE0010	IRON, QQ-I-666
MG0000	MAGNESIUM
MNA000	MANGANESE BRONZE
ME0000	METAL
PZ0000	PHOSPHOR BRONZE
PC0000	PLASTIC
ST0000	STEEL
	Steel, AISI 1030 (use Reply Code ST1296)
	Steel, AISI 1035 (use Reply Code ST1297)
	Steel, AISI 1040 (use Reply Code ST1298)
	Steel, AISI 1045 (use Reply Code ST1299)
	Steel, AISI 1050 (use Reply Code ST1300)
ST1052	STEEL, CARBON
STB000	STEEL, CORROSION RESISTING
SC0006	STEEL, CORROSION RESISTING, AISI 304
ST1296	STEEL, FED STD 66, AISI/SAE 1030
ST1297	STEEL, FED STD 66, AISI/SAE 1035
ST1298	STEEL, FED STD 66, AISI/SAE 1040
ST1299	STEEL, FED STD 66, AISI/SAE 1045
ST1300	STEEL, FED STD 66, AISI/SAE 1050
ST1320	STEEL, FED STD 66, AISI/SAE 3140
ST1392	STEEL, FED STD 66, AISI/SAE 8620H
ST1705	STEEL, FED STD 66, COMP C1030
ST1706	STEEL, FED STD 66, COMP C1040
ST0542	STEEL, FED STD 66, COMP C1045

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ST0543	STEEL, FED STD 66, COMP C1050
ST2525	STEEL, FED STD 66, COMP FS1035
ST0594	STEEL, MEDIUM CARBON
ST0170	STEEL, MIL-S-866, COMP 3115
ST2387	STEEL, MIL-S-890
ST2112	STEEL, MIL-S-890, ALLOY NO. 4
ST2028	STEEL, MIL-S-890, CLASS B
	Steel, MIL-S-890, Grade B (use Reply Code ST2028)
ST2761	STEEL, MIL-S-10520
ST1703	STEEL, MIL-S-10520, WDSS-2
ST1434	STEEL, MIL-S-11310, COMP CS1040
	Steel, MIL-S-11310, CS1030 (use Reply Code ST1434)
ST2762	STEEL, MIL-S-15083
ST2209	STEEL, MIL-S-15083, GRADE B
ST2113	STEEL, MIL-S-15083, GRADE 80-40
ST2763	STEEL, MIL-S-16113, TYPE 1, GRADE M
ST2764	STEEL, MIL-S-16216, GRADE HY80
ST2216	STEEL, MIL-S-16974, GRADE 1023W
ST1714	STEEL, MIL-S-16974, GRADE 1040
ST1716	STEEL, MIL-S-19434, CLASS 1
ST3975	STEEL, MIL-S-22698
ST1719	STEEL, QQ-S-635, COMP 1040
ST2765	STEEL, QQ-S-681
ST1720	STEEL, QQ-S-681, CLASS 65-35
ST2232	STEEL, QQ-S-681, CLASS 80-40
ST2766	STEEL, QQ-S-741
	Steel, SAE 1030 (use Reply Code ST1296)
	Steel, SAE 1035 (use Reply Code ST1297)
	Steel, SAE 1040 (use Reply Code ST1298)
	Steel, SAE 1045 (use Reply Code ST1299)
	Steel, SAE 1050 (use Reply Code ST1300)
WD0000	WOOD

Table 2 - SURFACE TREATMENTS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
AN0000	ANODIZED
CD0000	CADMIUM
EN0000	ENAMEL
EN0022	ENAMEL, OLIVE DRAB, TT-E-529
EN0013	ENAMEL, TT-E-489, CLASS B
EN0019	ENAMEL, TT-E-529
GB0000	GALVANIZED
JA0000	JAPAN
	Japanned (use Reply Code JA0000)
LQ0000	LACQUER (clear)

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
PN0013	PAINT, PRIMER, TT-P-636
PN0019	PAINT, PRIMER, TT-P-664
PN0000	PAINTED
PH0000	PHOSPHATE
VAB000	VARNISH
WD0000	WOOD
ZN0000	ZINC
ZN0045	ZINC, ASTM A153
ZNAP00	ZINC, CHROMATE TREATED (Electrolytic-Galvanized)
ZNT000	ZINC, ELECTROLYTIC
ZNV000	ZINC, HOT DIP
ZNN000	ZINC PLATED

Table 3 - NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BA	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL

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APPENDIX A

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

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REFERENCE DRAWING GROUP A	35
REFERENCE DRAWING GROUP B	43
REFERENCE DRAWING GROUP C	45
REFERENCE DRAWING GROUP D	49

REFERENCE DRAWING GROUP A Tables
BLOCK STYLES

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value.
(e.g., AMRQJAA0.750*; AMRQJAB1.500\$\$JAC1.520*)

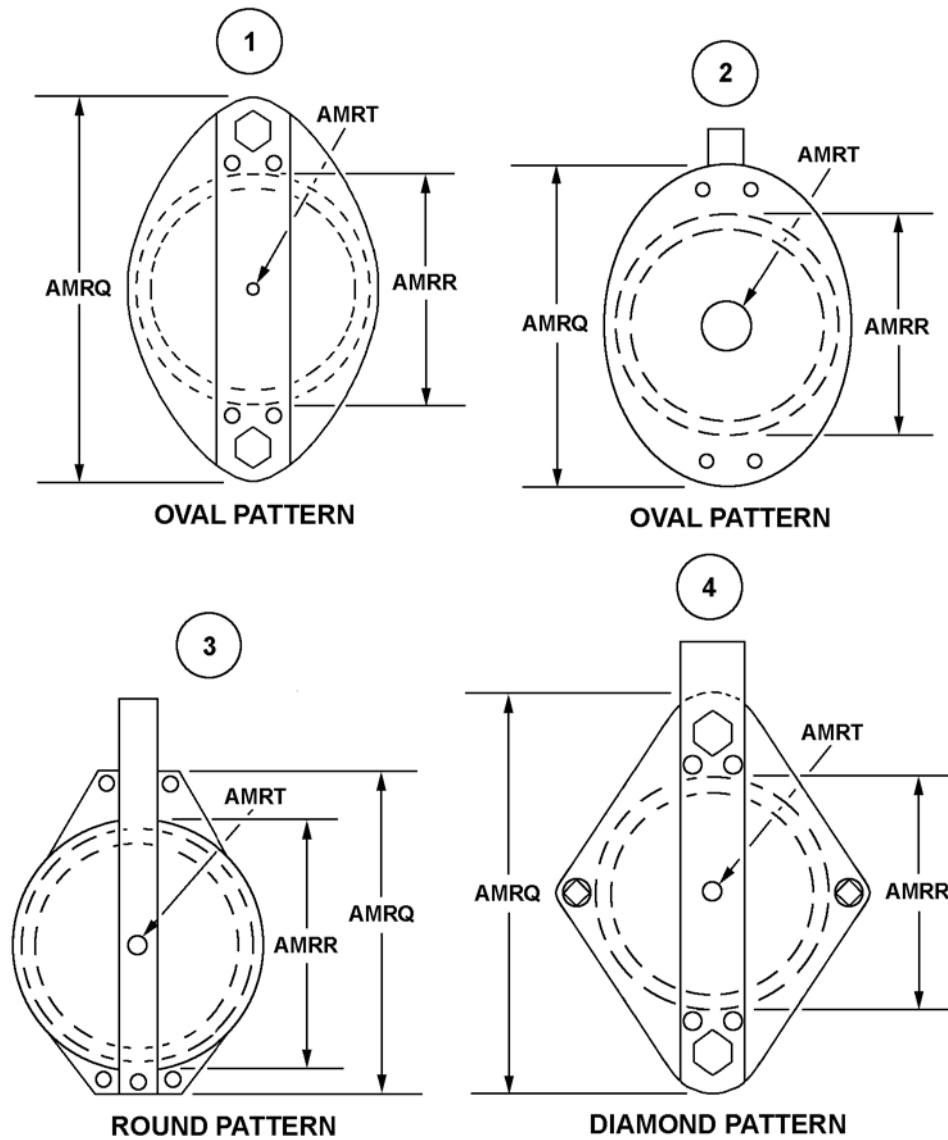
<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

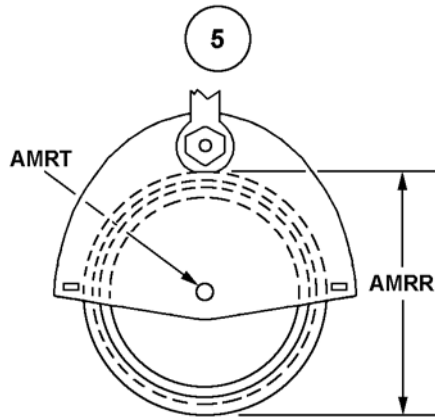
<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

<u>MRC</u>	<u>Mode Code</u>	<u>Name of Dimension</u>
AMRQ	J	SHELL LENGTH
AMRR	J	SHEAVE OUTSIDE DIAMETER
AMRS	J	SECOND SHEAVE OUTSIDE DIAMETER
AMRT	J	CENTER PIN DIAMETER
AMRW	J	SECOND CENTER PIN DIAMETER

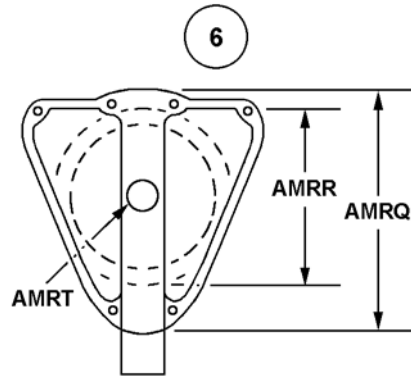
REFERENCE DRAWING GROUP A

BLOCK STYLES

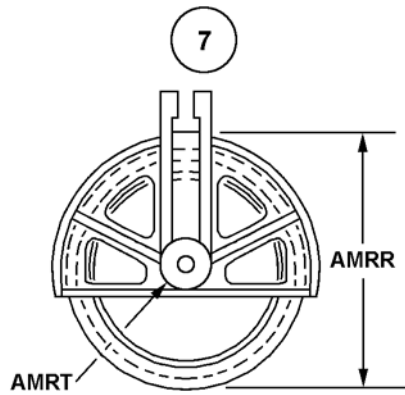




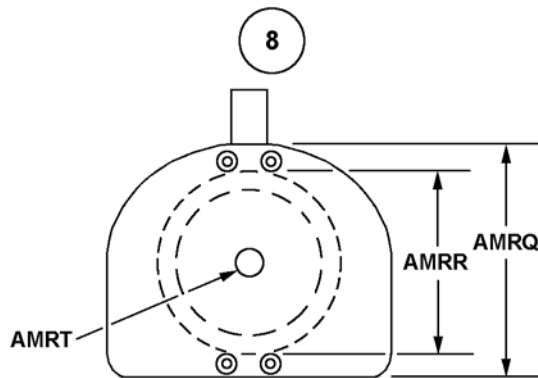
HALF-OVAL PATTERN



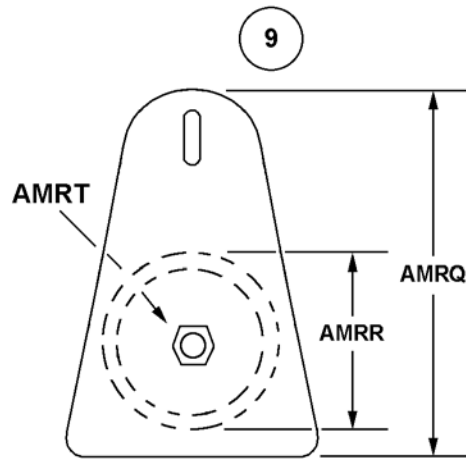
HALF-OVAL PATTERN



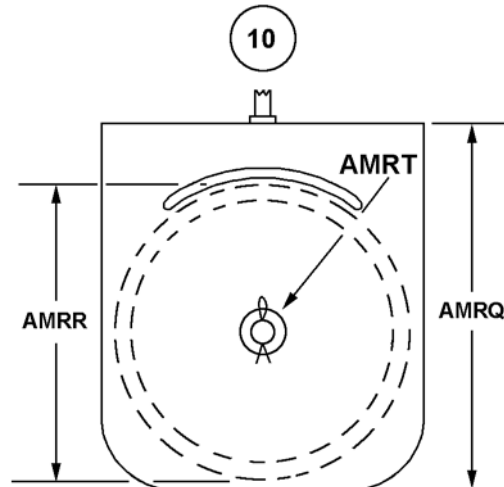
HALF-ROUND PATTERN



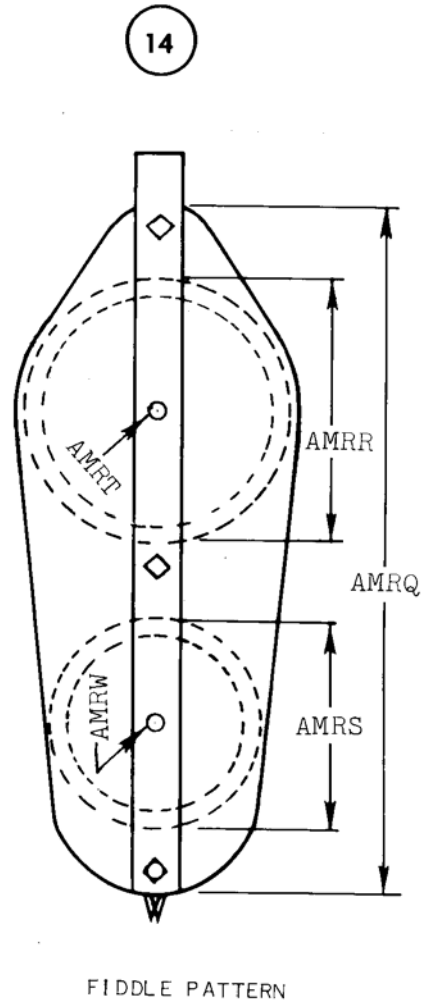
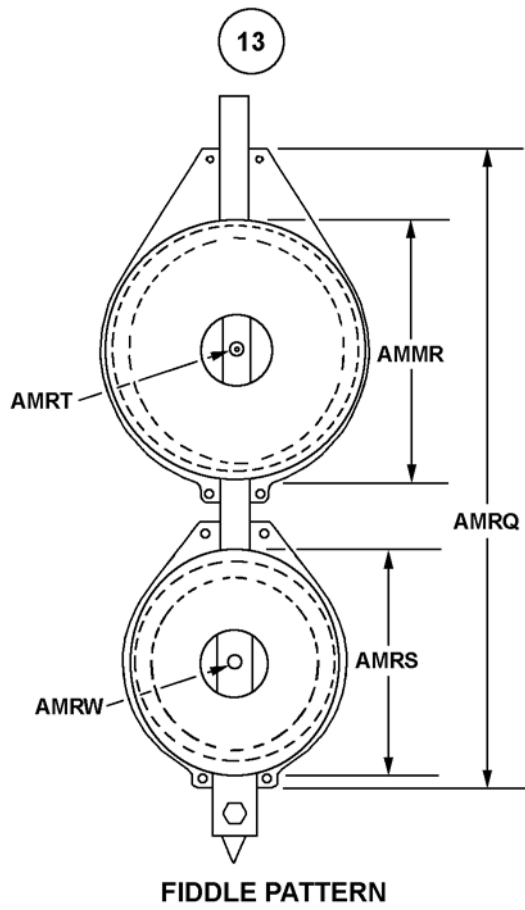
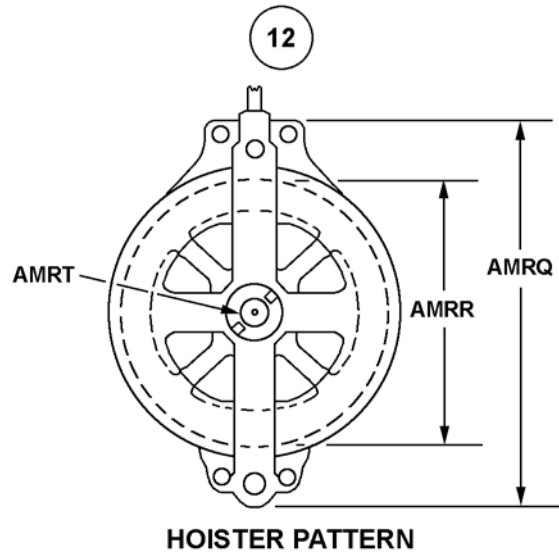
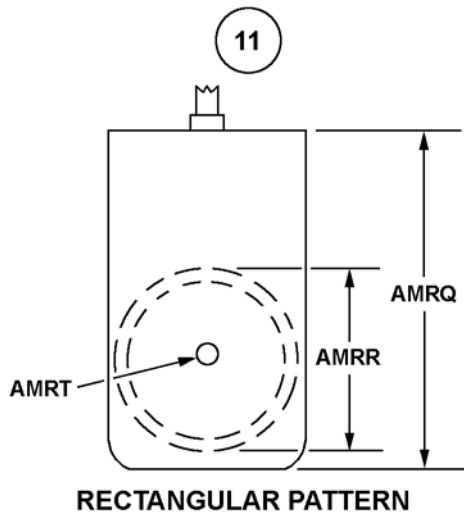
HALF-ROUND PATTERN

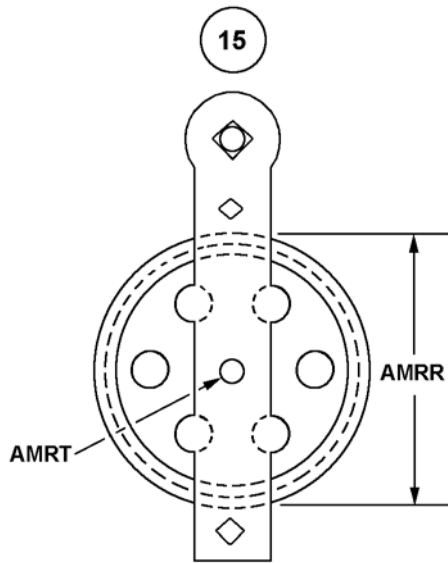


HALF-DIAMOND PATTERN

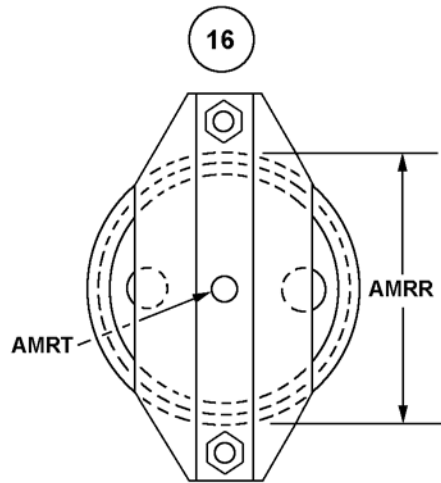


SQUARE PATTERN

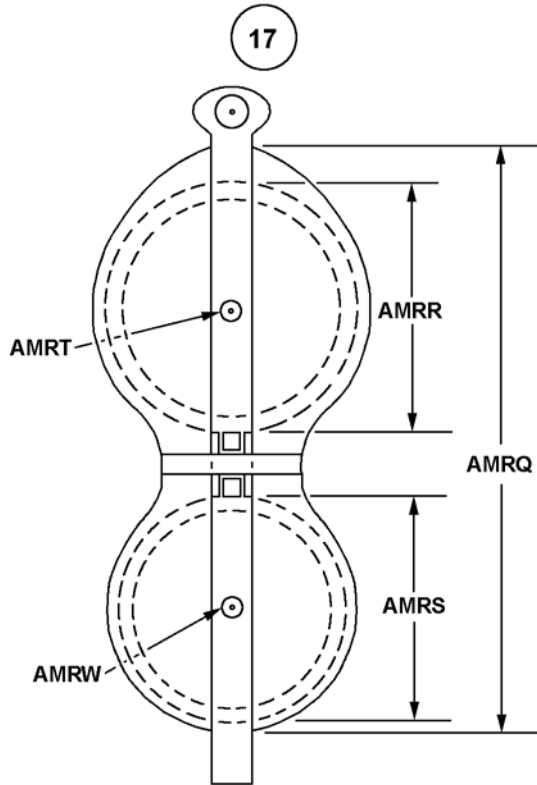




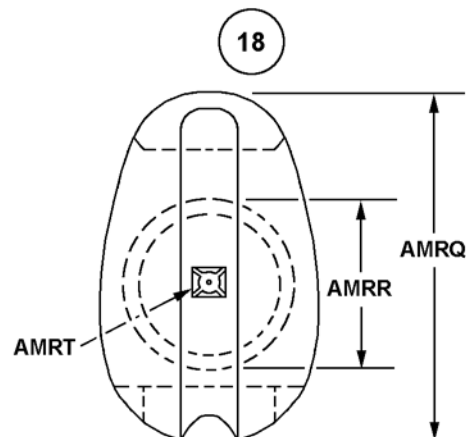
STRAP PATTERN



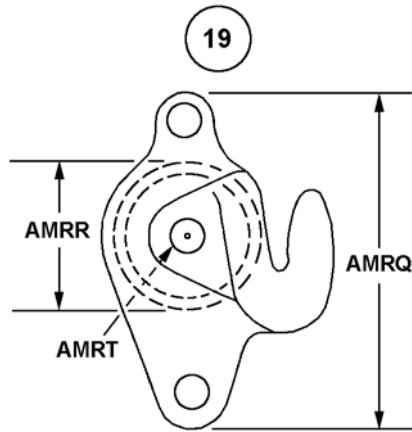
STRAP AND PLATE PATTERN



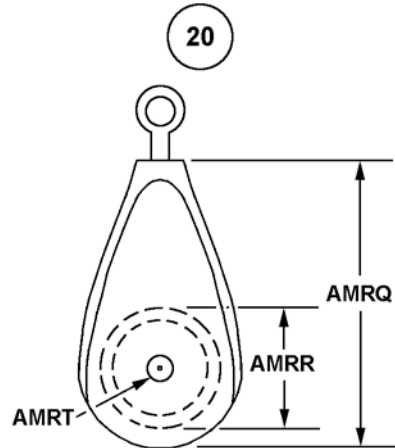
FIDDLE PATTERN



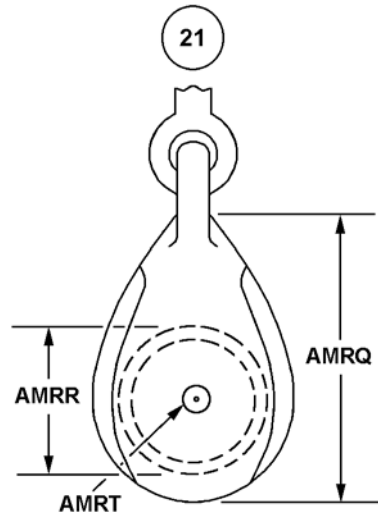
CLUMP PATTERN



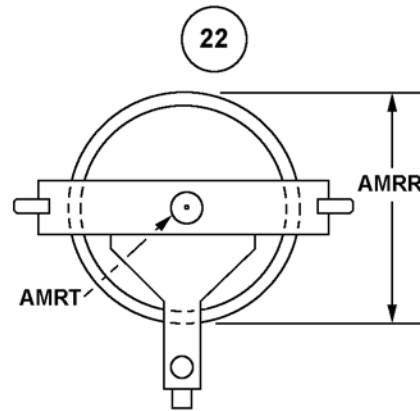
**OVAL PATTERN
WITH SNUBBING HOOK**



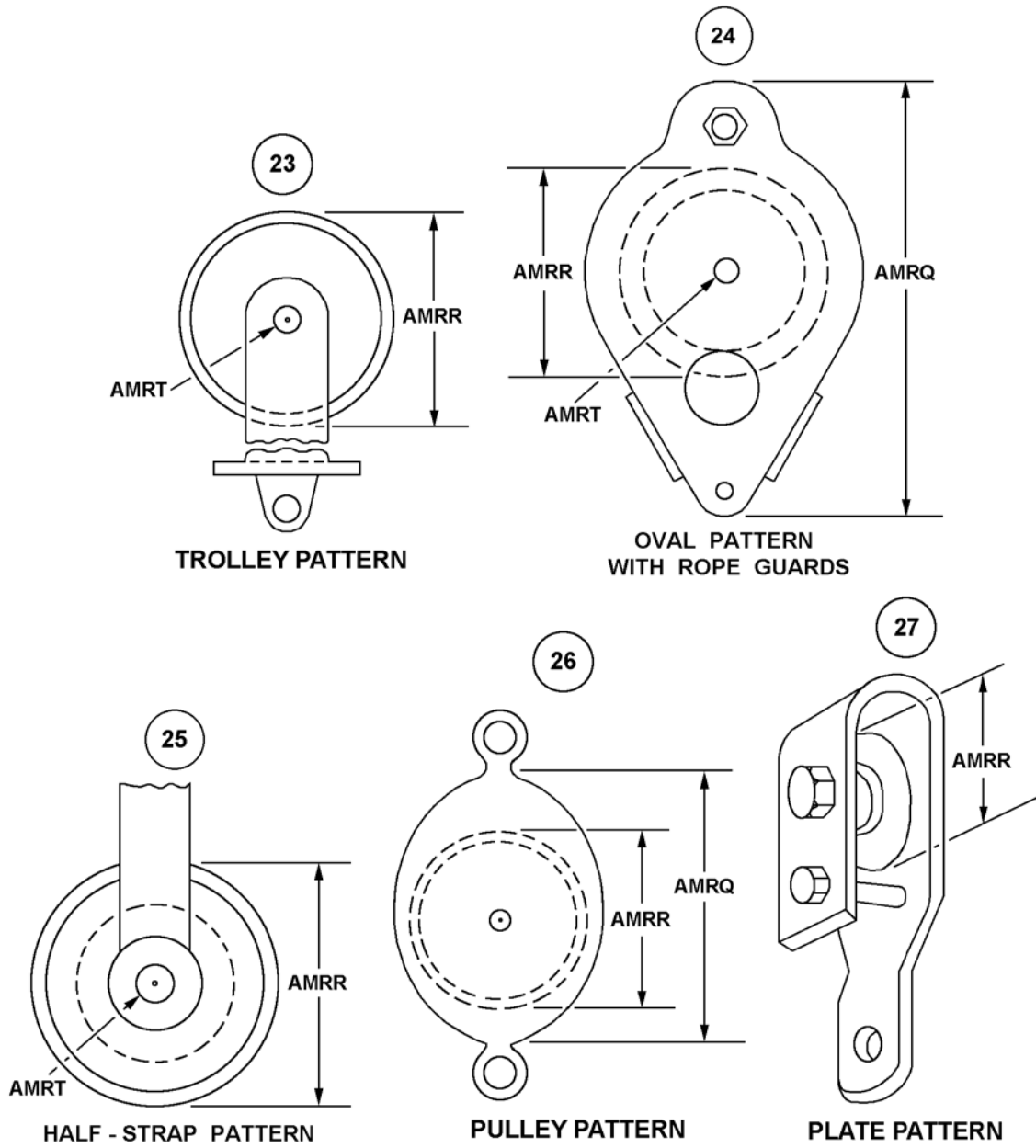
PULLEY PATTERN

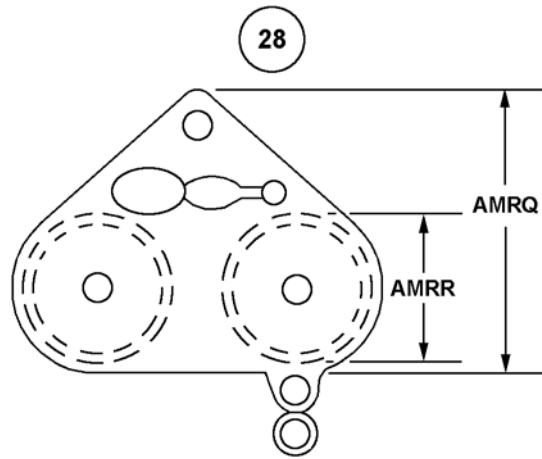


HALYARD PATTERN

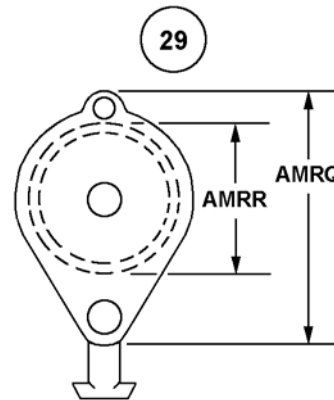


TROLLEY PATTERN





**HALF - DIAMOND PATTERN
WITH TWO PULLEYS**

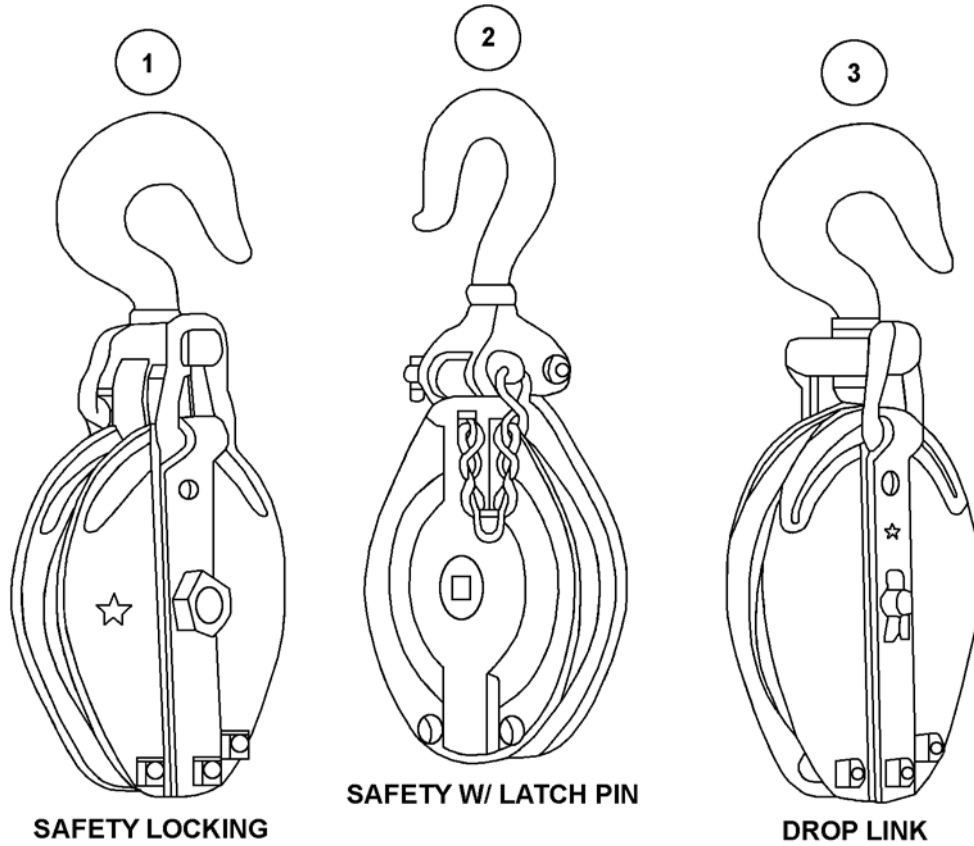


OVAL PATTERN

REFERENCE DRAWING GROUP B

LOCKING STYLES

(No Requirements)



REFERENCE DRAWING GROUP C

ATTACHMENT STYLES

(No Requirements)

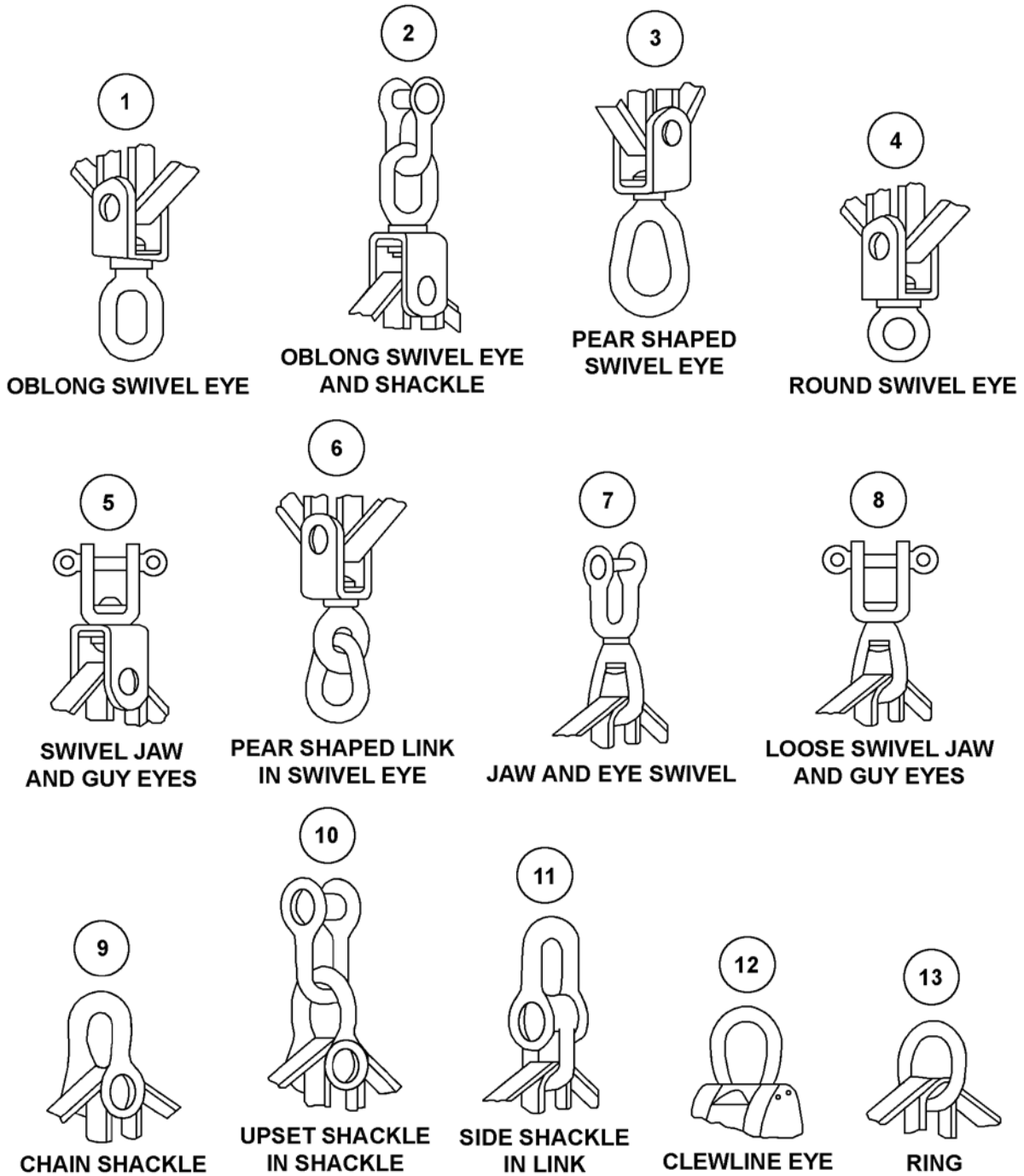


FIG A129
APPENDIX B

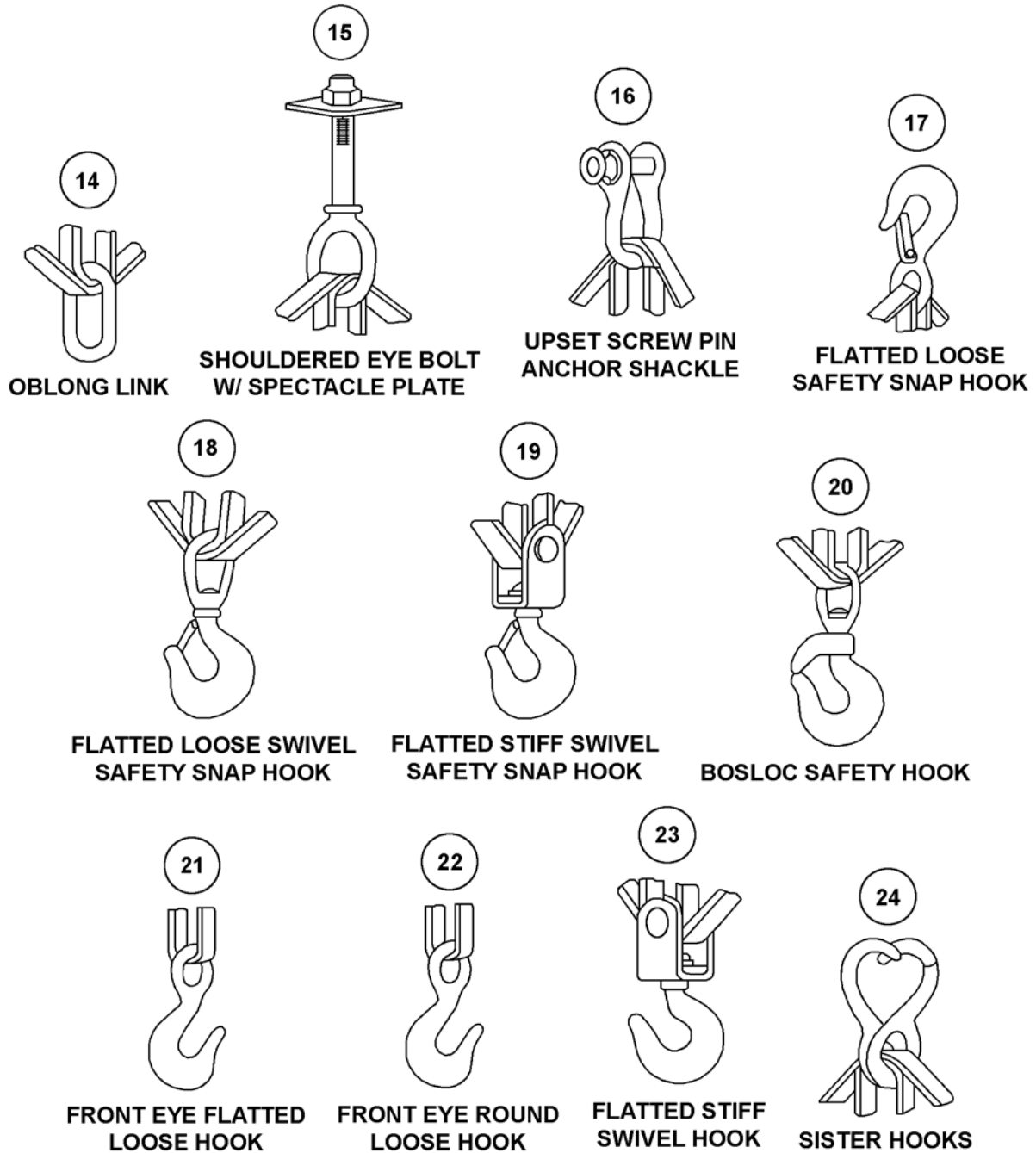
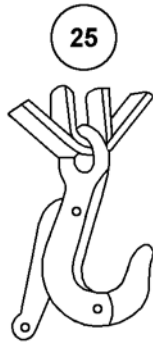
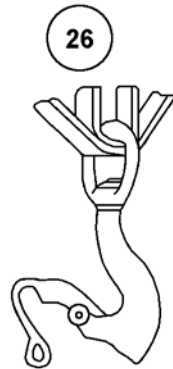


FIG A129
APPENDIX B



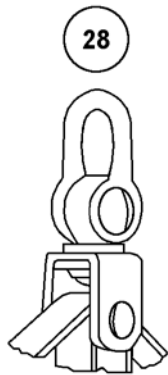
ANCHOR TRIP HOOK



**LOOSE SWIVEL
RAYMOND RELEASING HOOK**



DRILLED SWIVEL EYE



**DRILLED SWIVEL EYE
AND SHACKLE**



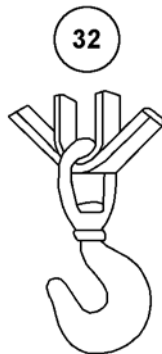
**OBLONG SWIVEL
EYE**



**LOOSE SIDE
SINGLE HOOK**



**STIFF, UPSET
SWIVEL SHACKLE**



**FLATTED LOOSE SWIVEL EYE
WITH SWIVEL HOOK**



**SIDE HOOK,
LOOSE**

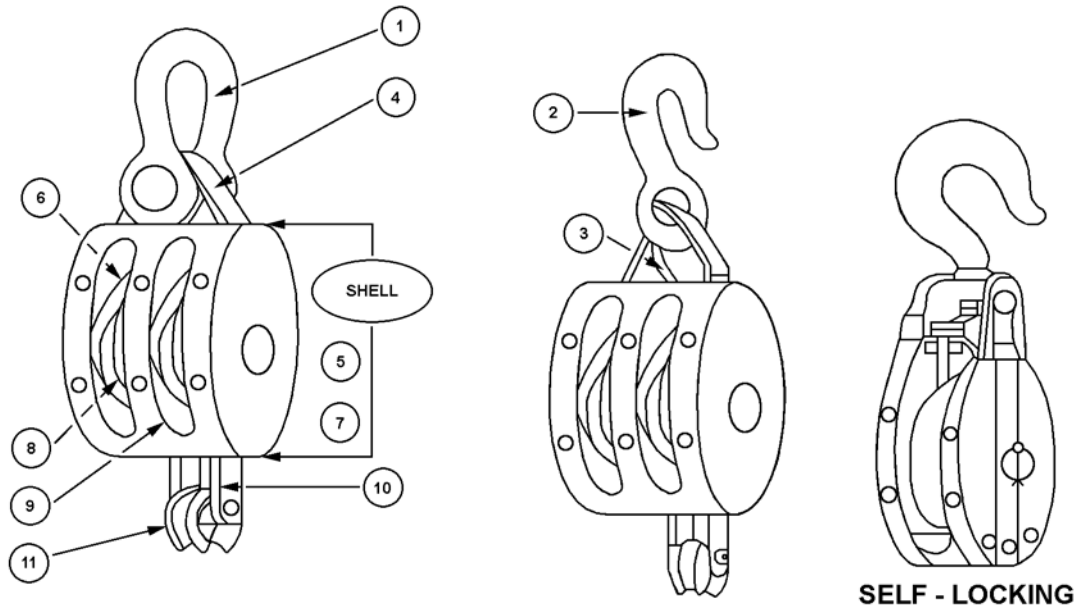
REFERENCE DRAWING GROUP D

NOMENCLATURE OF TACKLE BLOCKS

REGULAR BLOCKS

(No Requirements)

1. SHACKLE
2. LOOSE HOOK
3. INNER STRAP
4. OUTER STRAP
5. PIN
6. MORTISE
7. CHEEKS
8. SHEAVE EITHER PLAIN ROLLER OR SELF LUBRICATING
9. END PIECES
10. BECKET
11. THIMBLE



Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART	52
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APPENDIX C

STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

FIIG Change List

FIIG Change List, Effective August 7, 2009

Analyzed SAC Coding in FIIG and Updated to AND/OR Coding.

MRC's STYL, ANNQ, and ANNR changed to AND/OR Coding.